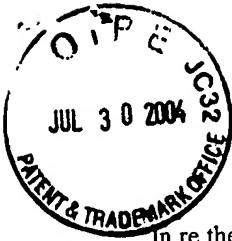


IFW



Docket # 7523-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: A. Farooq, et al.

Serial No.: 10/803,586

Group No.: 1751

Filed: March 18, 2004

Examiner:

For: Oil-Containing Starch Granules for Delivering Benefit-Additives to a Substrate

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

1. The attached is a copy of the official filing receipt received from the PTO in the above application for which issuance of a corrected filing receipt is respectfully requested. Also, attached is a copy of the original transmittal with express mail certificate indicating the mailing date as 3/18/04 and receipt of express mail certificate stamped as received in the U.S. Post Office on 3/18/04. Our return receipt postcard is also attached, however, it is date stamped by the PTO on 3/17/04 instead of 3/18/04.

2. There is an error with respect to the following data which is:

☒ incorrectly entered

and/or

☐ omitted

Error in

Correct data

- |    |                                     |                             |
|----|-------------------------------------|-----------------------------|
| 1. | <input type="checkbox"/>            | Applicant's name            |
| 2. | <input type="checkbox"/>            | Applicant's address         |
| 3. | <input type="checkbox"/>            | Title                       |
| 4. | <input checked="" type="checkbox"/> | Filing Date                 |
| 5. | <input type="checkbox"/>            | Serial Number               |
| 6. | <input type="checkbox"/>            | Foreign/PCT Application Re: |
| 7. | <input type="checkbox"/>            | Other                       |

- |    |                |
|----|----------------|
| 1. |                |
| 2. |                |
| 3. |                |
| 4. | March 18, 2004 |
| 5. |                |
| 6. |                |
| 7. |                |

CERTIFICATE OF MAILING (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: \_\_\_\_\_

July 28, 2004

Debra L. Packer

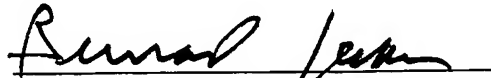
3. (complete the following applicable item A or B)

A. ☒ The correction is/are not due to any error by applicant and no fee is due

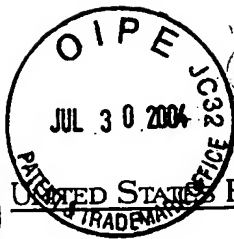
OR

B. ☐ At least one of the above corrections is due to applicant's error and the fee therefor under 37 CFR 1.19(h) of \$25.00 should be charged to Deposit Account No. 03-2455.

Respectfully submitted,



Bernard Lieberman, Reg. No. 26,194  
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Attorney of Record



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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/803,586	03/17/2004	1751	1240	7523-00		12	3

Colgate-Palmolive Company  
 909 River Road  
 P.O. Box 1343  
 Piscataway, NJ 08855-1343

CONFIRMATION NO. 6151

## FILING RECEIPT



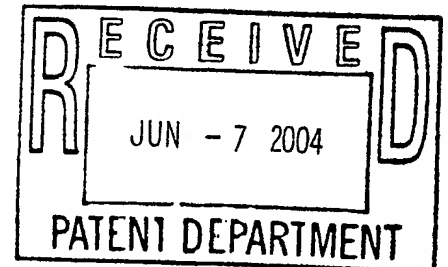
\*OC000000012844727\*

Date Mailed: 06/02/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Amjad Farooq, Hillsborough, NJ;  
 Riad A. Taha, Spotswood, NJ;  
 Sayed Ibrahim, Somerset, NJ;  
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 Cynthia J. Mussinan, Howell, NJ;  
 Lewis Michael Popplewell, Morganville, NJ;



Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 06/02/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

*initial*  
*ms*



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D. Packer

IR 7523-00

NJ 08854-5596

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I hereby certify that this paper (along with any paper or fee referenced therein as being transmitted herewith) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
Debra L. Packer 3-1804  
(Name of person mailing paper or fee) (Signature of person mailing paper or fee)

**Transmittal For Filing A New Utility Patent Application**

Case Docket No. 7523-00

Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



- Copy -

Transmitted herewith for filing is the **UTILITY** patent application of:

Inventor(s): **Amjad Farooq, Riad A. Taha, Sayed Ibrahim, Patrick G. Getty, Eugene E. Pashkovski, Natasha Dwight, Daniel W. Smith, Jeffrey Mastrull, Cynthia J. Mussinan and Lewis Michael Popplewell**  
For (title): **Oil Containing Starch Granules for Delivering Benefit-Additives to a Substrate**

1. **Enclosed are:**

- ☒ **Utility Patent Application** consisting of a total of 22 pages including 15 pages of specification, 5 page(s) of claims, 2 page of abstract.
- ☐ Executed Declaration
- ☒ **Non-Executed Declaration**
- ☐ An assignment of the invention to the Colgate-Palmolive Company. A separate "Recordation Form Cover Sheet - PTO Form-1595" is also attached.
- ☐ An associate power of attorney
- ☐ FORMAL drawings      No. of Sheets: ☐      Figures: ☐
- ☐ INFORMAL drawings      No. of Sheets: ☐      Figures: ☐
- ☐ Information Disclosure Statement with Form 1449 and Copies of References
- ☐ will follow at a later date

2.


CALCULATIONS FOR PATENT APPLICATION FEE				Other Than a Small Entity	
FOR	CLAIMS		EXTRA NO.	RATE	FEE
Basic Fee					770.00
	Column 1 Total Claims	Column 2 Extra Claims			
Total Claims	20 - 20	= 0	0	X18	0
Independent Claims	3 - 3	= 0	0	X86	0
Multiple Dependent Claims Presented <4, 5, 7 and 10>				+290	<290.00>
TOTAL FEES					\$1060.00

3. ☒ Please charge my Deposit Account No. 03-2455, the amount of \$1060.00. A duplicate copy of this sheet is enclosed.
4. ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 03-2455.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

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5. ☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to **Deposit Account No. 03-2455**.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any filing fees under 37 CFR 1.16 for presentation of extra claims.
6. ☐ Amend the specification by inserting, before the first line, the following sentence:  
"This application claims the benefit of U.S. Provisional Application(s)  
No(s): \_\_\_\_\_ filed \_\_\_\_\_."

Respectfully submitted,

  
Bernard Lieberman  
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COLGATE-PALMOLIVE COMPANY  
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Attorney of Record



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**Oil Containing Starch Granules for Delivering Benefit-Additives  
to a Substrate**

This invention relates to an oil containing starch granule comprising a starch which  
5 forms a matrix for said granule, a perfume oil and a compound of defined structure for  
inhibiting the migration of the oil to the surface of the starch granule. More particularly, this  
invention relates to an oil containing starch granule containing a defined perfume oil which is  
capable of delivering a benefit-additive to substrates such as fabrics, hard surfaces, hair and  
skin, upon contact of the starch granule with such substrate.

**Background of the Invention**

The addition of perfume to a liquid detergent composition to impart a pleasing aroma  
or fragrance to such detergent composition is well-known in the art. The presence of perfume  
provides an aesthetic benefit to the consumer upon use of the detergent composition and  
15 generally serves as a signal of freshness and cleanliness for laundered fabrics which contain a  
pleasing fragrance. However, notwithstanding the enhanced aroma of the detergent  
composition itself, relatively little of the perfume fragrance is imparted to fabrics during  
laundering. Primarily, this is because the perfume ingredients in the liquid composition are  
rapidly dispersed and diluted during laundering in the aqueous wash and rinse waters.  
20 Consequently, only a relatively limited amount of the perfume is available to contact the  
fabrics during washing, the major portion of the perfume being drained from the washing  
machine with the wash solution. There remains, therefore, a need in the art to improve the  
effectiveness of delivering perfume from a detergent composition to washed fabrics and to  
enhance the longevity of such fragrance on the fabrics.

25 Similarly, there is a need in the art to effectively deliver oils other than a perfume  
fragrance as benefit-additives to substrates such as hard surfaces, hair and skin such that the  
longevity of such oils upon the substrate is significantly enhanced relative to conventional  
means of providing such benefit additive to the substrate.

**Summary of the Invention**

The present invention provides an oil containing starch granule comprising

(a) a starch, said starch being present in an amount to form an effective matrix for  
said granule;



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USPN 318-04 Atty: BL Docket No. 7523-00  
Filing Date: 3-18-04 Inventor(s): Farooq, et al  
Title: Oil Containing Starch Granules for Delivering Benefit Additives to a Substrate

☐ New Patent Application - no U.S. Serial No. yet assigned ☐ Provisional Application  
☐ C-I-P, Cont or Div Application under 1.53(b) ☐ CPA Under 37 Cfr 1.53(D)  
☐ Certificate of Mailing via First Class mailed on  
☒ Certificate of Mailing via Express Mail # EV 300 775 5716 on 3/18/04

The following has been received in the U.S. Patent Office on the date stamped hereon.

☒ Transmittal Letter (in Duplicate)  
☒ New specification:  
☒ Utility 22 pages ☐ Design      pages  
☒ Combined Declaration/Power of Atty  
☐ Executed ☒ Unexecuted  
☐ Formal ☒ Informal Drawings      sheet(s)  
☐ Extension of time for      month(s) (in Duplicate)  
☐ Assignment with transmittal letter  
☐ Preliminary Amendment ☐ Letter  
☐ Amendment/Response  
☐ Supplemental Amendment/Response

☐ Information Disclosure ☐ Supplemental IDS  
☐ Form 1449 ☐ Copies of References  
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☐ Status Inquiry  
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☐ Affidavit ☐ Interference  
☐ Issue Fee Transmittal (in Duplicate)  
☐ Notice of Appeal ☐ Brief on Appeal (3 copies)  
☐ Supplement to Appeal Brief

☐ Other      17858 U.S. PTO  
☐ Other      10/803586 (Del 3-18-04)

Revised 3/17/04 dlp  
(CP/IFF Joint Appln.)

031704